

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1303	((eras\$6 or spac\$5) near2 (plural\$5 or many or multi\$5 or train) near2 (pulse)) or ((eras\$5 or space) near2 (multi-pluse or train-pulse))	US-PGPUB; USPAT	OR	ON	2006/08/31 18:00
L2	1	("6280810").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/31 18:01
L3	781	(delay\$6 near5 (record\$6 or writ\$6) near2 (pulse))	US-PGPUB; USPAT	OR	ON	2006/08/31 18:02
L4	42968	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/08/31 18:02
L5	134	3 and 4	US-PGPUB; USPAT	OR	ON	2006/08/31 18:02
S1	1217	((eras\$6 or spac\$5) near2 (plural\$5 or many or multi\$5 or train) near2 (pulse)) or ((eras\$5 or space) near2 (multi-pluse or train-pulse))	US-PGPUB; USPAT	OR	ON	2006/08/24 14:58
S2	442	((wave near2 form) or (waveform)) same (NRZI or (none near2 return near2 zero near2 inverse) or (non-return near2 zero near2 inverse))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:47
S3	12	S1 and S2	US-PGPUB; USPAT	OR	ON	2005/08/29 15:54
S4	443	((wave near2 form) or (waveform)) same (NRZI or (none near2 return near2 zero near2 inver\$5) or (non-return near2 zero near2 inver\$5))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:47
S5	684	(run near2 length near2 limited near2 "(2, 10)") or (run near2 length near2 limited near2 "(1, 7)") or (RLL near2 "(2, 10)" or "(1, 7)"))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:56
S6	13	S1 and S5	US-PGPUB; USPAT	OR	ON	2005/08/30 15:03
S7	4250	((eras\$6 or spac\$5) near15 (plural\$5 or many or multi\$5 or train) near2 (pulse)) or ((eras\$5 or space) near15 (multi-pluse or train-pulse))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:59
S8	40	S5 and S7	US-PGPUB; USPAT	OR	ON	2005/08/29 15:59
S9	27	S8 not S6	US-PGPUB; USPAT	OR	ON	2005/08/29 16:07

## EAST Search History

S10	39	S4 and S7	US-PGPUB; USPAT	OR	ON	2005/08/29 16:07
S11	27	S10 not S3	US-PGPUB; USPAT	OR	ON	2005/08/29 16:14
S12	1	("6396792").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/29 16:14
S13	5	("6396792").URPN.	USPAT	OR	ON	2005/08/29 16:15
S14	332	((eras\$5 or spac\$5) near2 (pulse)) same ((power or intensity or energy) near2 (level or amplitude))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:16
S15	52	((lead\$6 or front or first) near2 (pulse) near10 (power near2 level)) same ((trail\$5 or back or last) near2 (pulse) near10 (power near2 level))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:09
S16	166	((eras\$5 or spac\$5) near2 (pulse)) near15 ((power or intensity or energy) near2 (level or amplitude))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:16
S17	8	("5353265").URPN.	USPAT	OR	ON	2005/08/29 17:26
S18	12	("5150351").URPN.	USPAT	OR	ON	2005/08/29 17:28
S19	501	(369/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:04
S20	4254	((eras\$6 or spac\$5) near15 (plural\$5 or many or multi\$5 or train) near2 (pulse)) or ((eras\$5 or space) near15 (multi-pluse or train-pulse))	US-PGPUB; USPAT	OR	ON	2005/08/30 15:04
S21	12	S19 and S20	US-PGPUB; USPAT	OR	ON	2005/08/30 15:15
S22	1	("6281815").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:16
S23	1	("5291470").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:18
S24	1	("6104685").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:19
S25	1	("6104685").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:19
S26	529811	((RLL) or (run adj length adj limited)) near3 ("1,7") or "(1,7)") and (((RLL) or (run adj length adj limited)) near3 ("2,10") or "(2,10)")	US-PGPUB; USPAT	OR	ON	2006/02/09 15:25
S27	42585	(record\$6 or writ\$6 or eras\$6 or mark\$3 or spac\$6) near2 (pulse of waveform or wave-form)	US-PGPUB; USPAT	OR	ON	2006/02/09 15:24
S28	7677	S26 and S27	US-PGPUB; USPAT	OR	ON	2006/02/09 15:24

## EAST Search History

S29	40853	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/02/09 15:24
S30	527	S28 and S29	US-PGPUB; USPAT	OR	ON	2006/02/09 15:24
S31	29	((RLL) or (run adj length adj limited)) near3 "(1,7)" and (((RLL) or (run adj length adj limited)) near3 "(2,10)")	US-PGPUB; USPAT	OR	ON	2006/02/09 16:36
S32	1	("5144601").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/09 18:00
S33	0	("200200037962").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/09 18:00
S34	1	("20020003762").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/09 18:00
S35	114	((cool\$7) near2 (pulse)) same ((duration or tim\$5 or width) near5 (first or start\$3 or lead\$6) near2 (pulse))	US-PGPUB; USPAT	OR	ON	2006/02/10 16:13
S36	517	((duration or tim\$5 or width) near5 (first or start\$3 or lead\$6) near2 (pulse)) near10 ((half or "0.5" or ".5") near2 (time or period or cycle or unit or length))	US-PGPUB; USPAT	OR	ON	2006/02/10 16:15
S37	435	((duration or tim\$5 or width) near2 (first or start\$3 or lead\$6) near2 (pulse)) near10 (half or "0.5" or ".5")	US-PGPUB; USPAT	OR	ON	2006/02/10 16:16
S38	7	((duration or tim\$5 or width) near2 (first or start\$3 or lead\$6) near3 ((eras\$5 or spac\$6) near2 (pulse))) near10 (half or "0.5" or ".5")	US-PGPUB; USPAT	OR	ON	2006/02/10 18:00
S39	1	("20030210632").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/10 18:00
S40	1186	(multi-pulse or (plural\$6 or many or row or series or multi\$5 or train)) near3 (eras\$5) near3 (pattern or signal or information or pulse)	US-PGPUB; USPAT	OR	ON	2006/08/24 15:00
S41	42900	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/08/24 15:00
S42	156	S40 and S41	US-PGPUB; USPAT	OR	ON	2006/08/24 15:00
S43	405324	(optic\$6 near2 (disc or disk or media or medium or carrier)) or (cd or dvd)	US-PGPUB; USPAT	OR	ON	2006/08/24 15:01
S44	286	S40 and S43	US-PGPUB; USPAT	OR	ON	2006/08/24 15:01